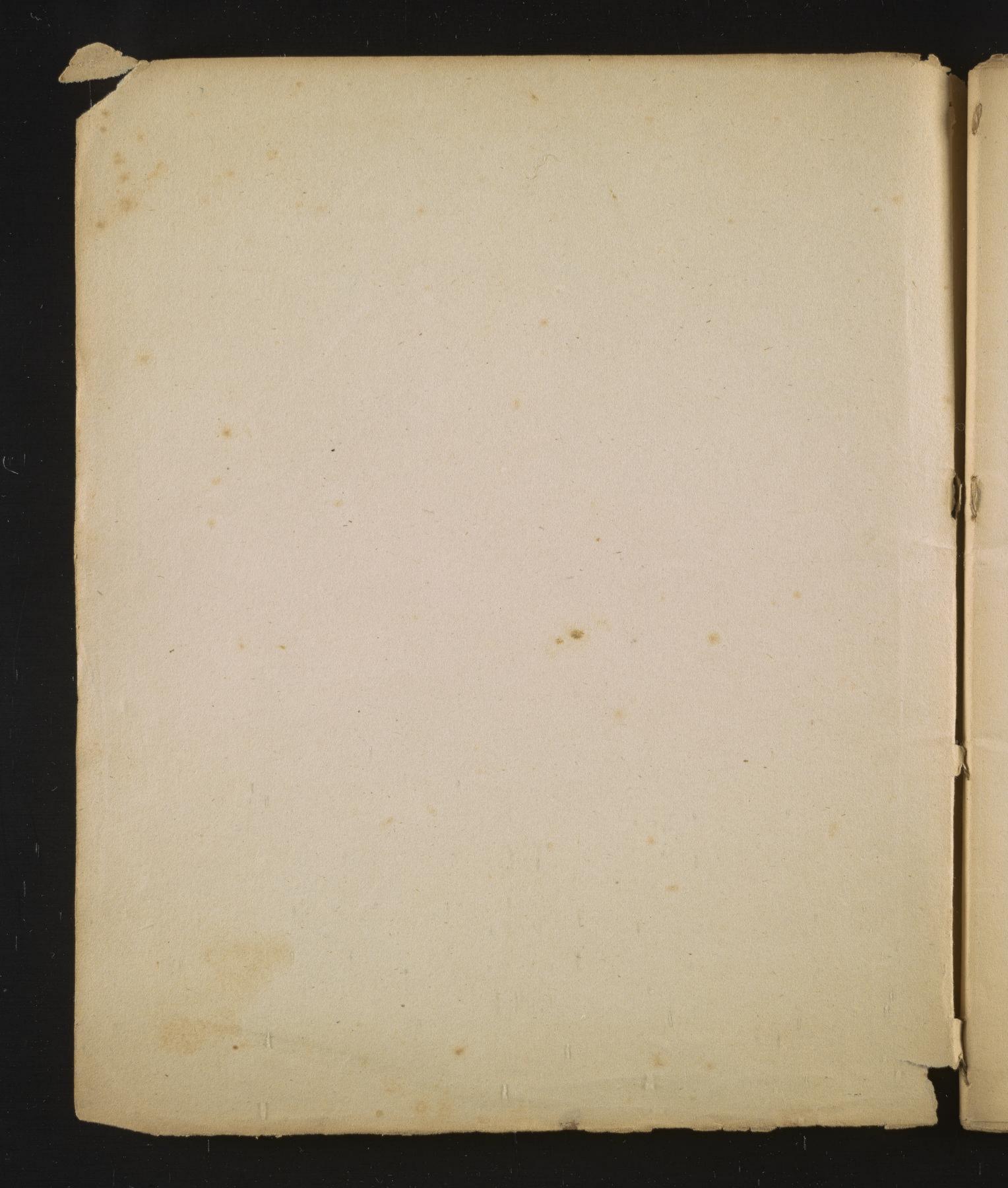
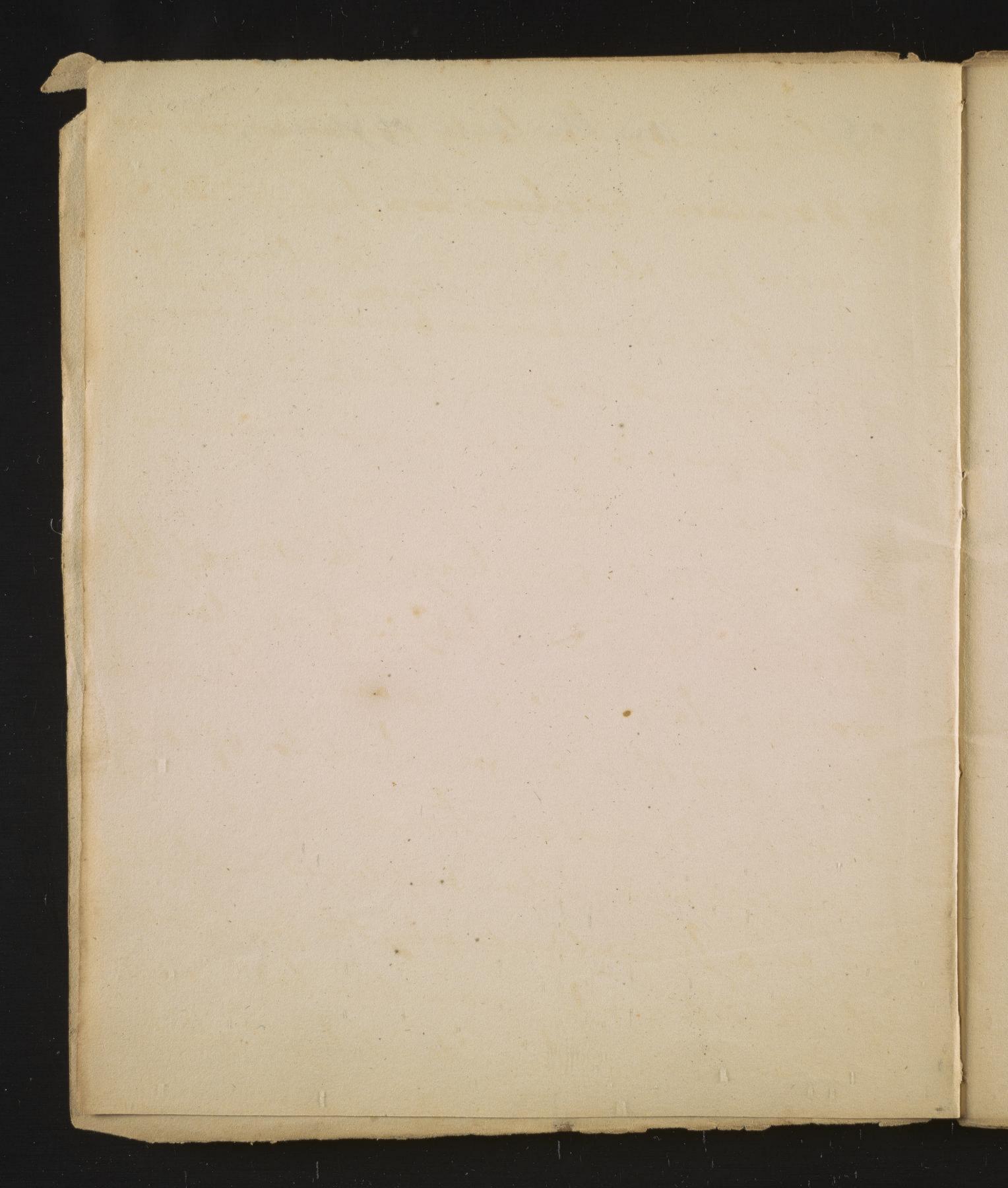
on the arm of fever. pa



on the live of fluer. nos



as this remedy has lately existed by good deal of aternations, and bours burg Substituted in a degree for all others in the Come of s fruers, I shall who a from stranders of the different ways in which it is resed, and Afterwards make a few remarks upon rach of them. I Cold water is employed by way of Of-- fusion. The naked body is first placed upo in a large trib, or upon a hearthy or floor, and three or four brushets of cold water are dashed, or thrown over it. The cold water when employed in this way acts as a Stringlant & by the force with which it descends upon the body, and 2 as an indirect Stimulant by the reaction

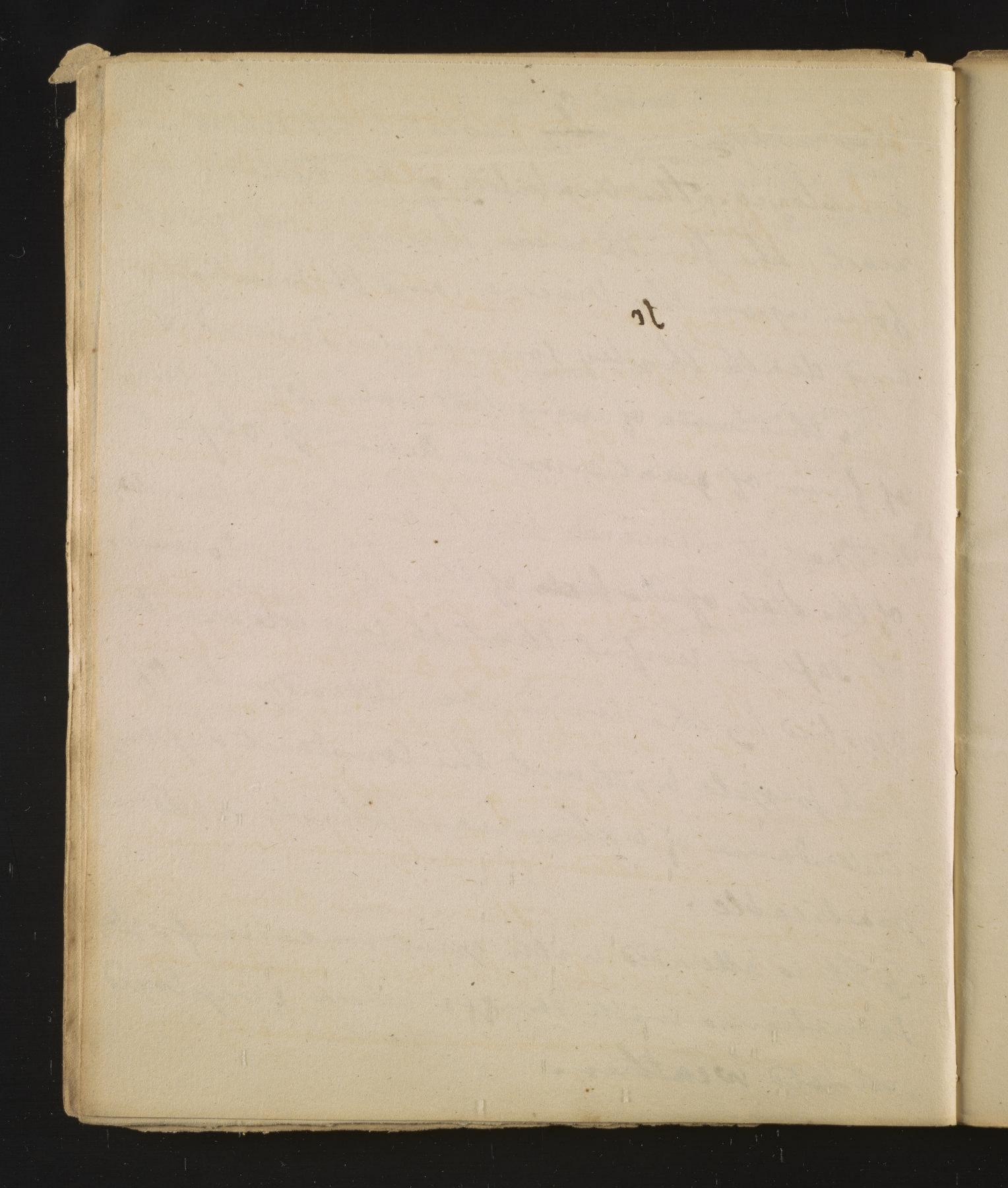
V The same thing is newforey where History are applied.

of the System after its weatine Ogseration. he men , or healthy author is thus indued in the blood repels, and the fiver thereby lipned or to ensure this new & healthy action a Susceptibility to the action of that is excitability
the water De Sachson rays very justly Thould be previously treated by means of bluding purging, or emetrico. I will add fruther to ensure even its fafets, those depleting remedies are absolutely neupary. They should be our carifubility repeated, hast the hoseight wills of the hystern should be eshausted by motracted application of the cold Water . mour the night of the previous theple. = trons in the yellow four of 1793 in this city, the affusion of Cold water did harm, or

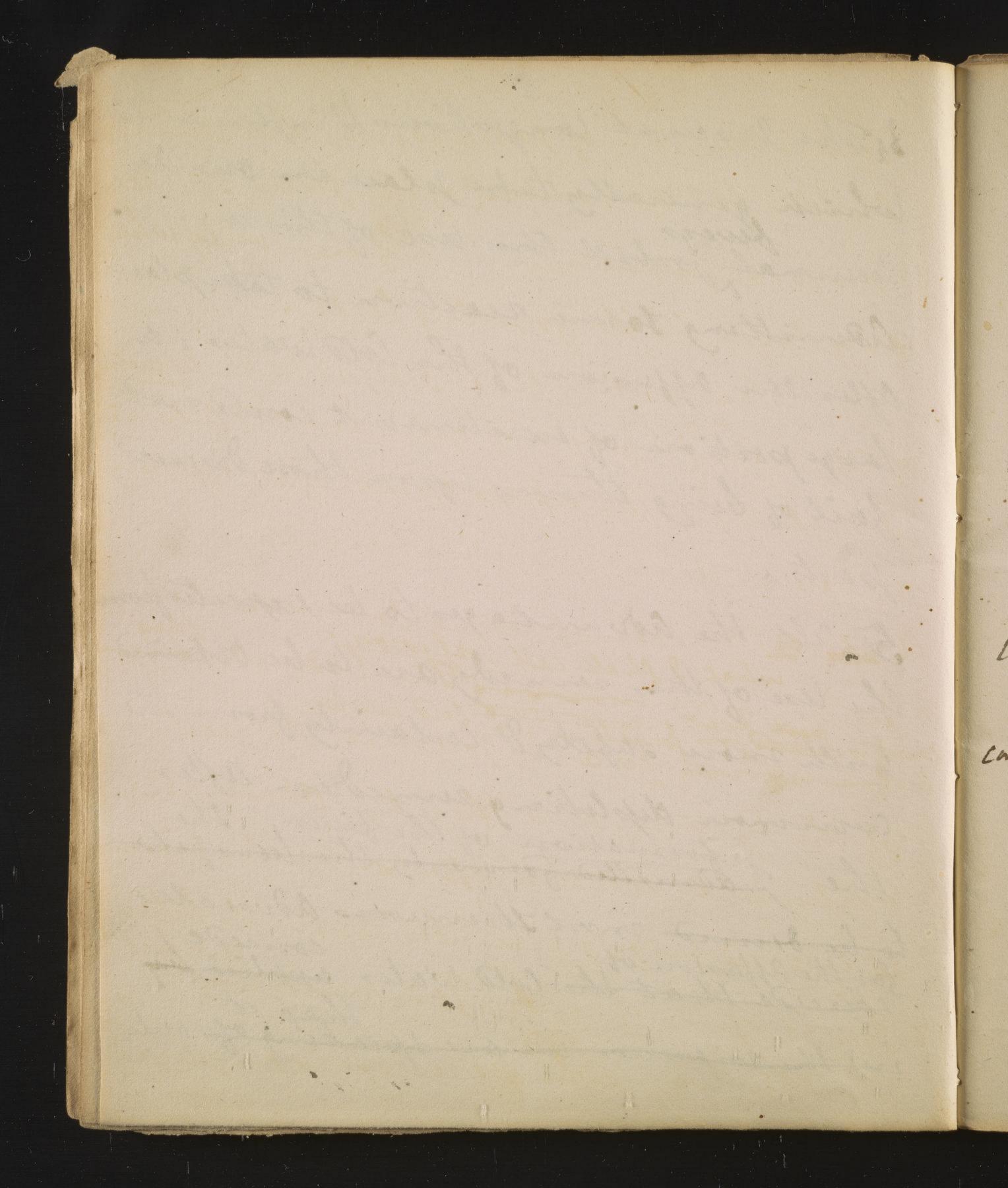
V This inability but the System to seart is founded wood to not only upon its the Suspenfounded wood to not only upon its the Suspension or Inffreations of its exact to bility, but upon its under tension which will not admit of it. -

part upon to belief that the cause of four is seated in the capillaries which terminate in the their, and that the unity acts by removing a pasm upon those toward the extremities of those breat before.

was usely sin wary Cases in which it was employed. The inability of the System to react, the flireds were thrown with great form upon the viscera, and Historitions and death thereby lowelines indued. To this more of using Cold water for the Cene of fiven of great morbid detion of object 2. That it regneres wish an exact knowling of the State of the System to render it safe or uniful, that it can settlemen be applied by the Common attendents of dich prople without the constant Super. intendance of a physician which is seldown praiticable. 3 It is attended with great uneasinefs, & Jonnetimes with danger when employed in Cold weather.

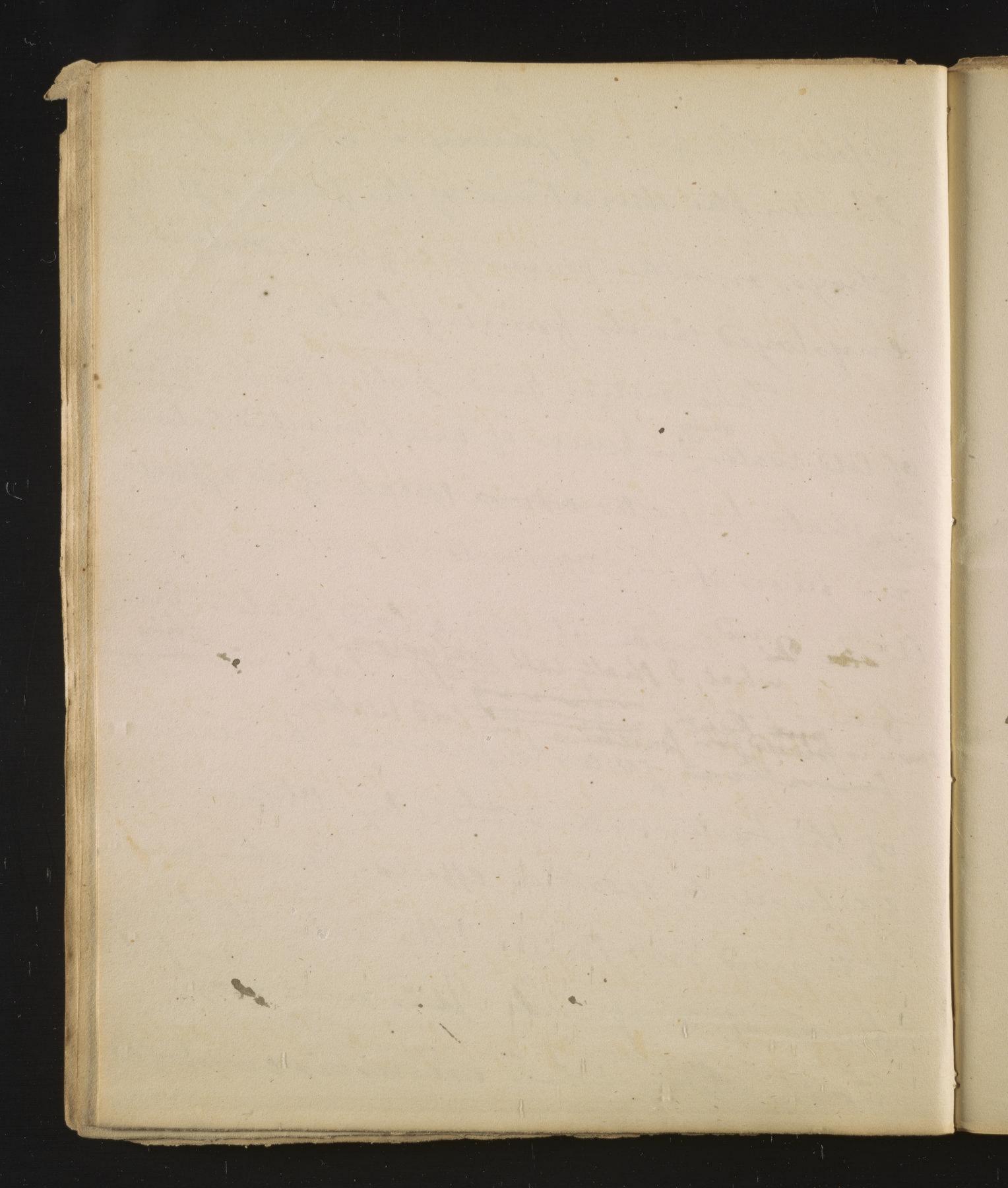


If the Viscoul Congestions Vinflamonations which generally take place in our du.
fevers turnal forbiel the lise of this simily. admitting some reaction to take place After the Officion of the Cold Water, a large postion of excitement could not Soul of being thrown upon those discoved Et all the advantages to be expected from The Use of this surredy are to be betwined with more dapety & certainty from the common dipleting runedies. after the formation of the burn, the to be deviced most themous advocates for the appusion of the Cold water applied by in the menner we are Househing of, only

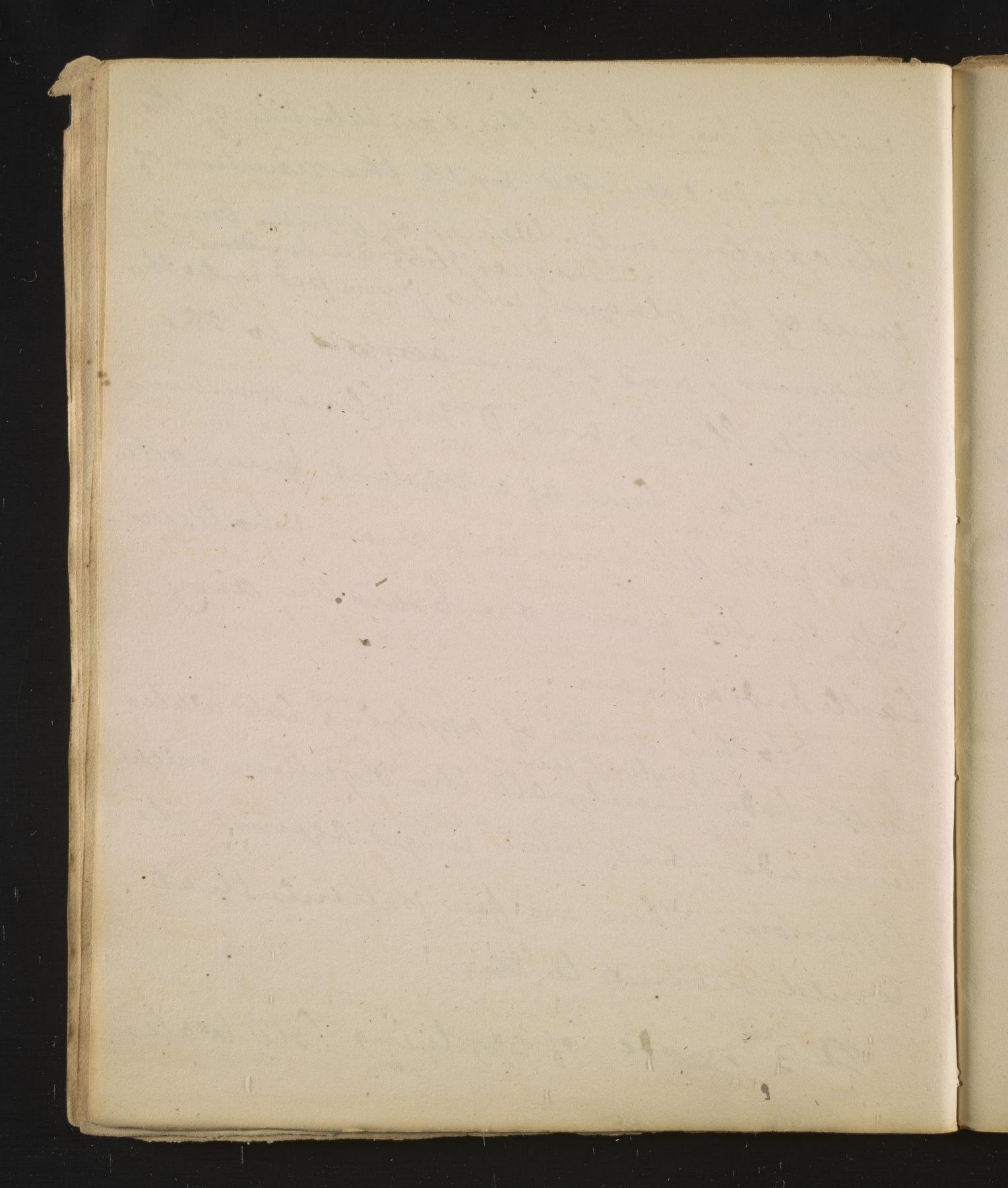


lepens the force of paroscysms, but does not Shortin Itu duration of the fines. It de-- thoys, or sulter prevents or fines only when enysløged in its forming state. Take vities gent: I object to the affering.

of all water in fivers of great mortio action. I shall hereafter extros speak of its efficiency in finers of an Opposite Character. built fint formations in formations for as to present the reactions of the Lystern, and thereby obtain its exclusively redative effects. In this manus it is used my Brue tetts us in the bilions useful fevers of maprials. It is most useful in this way when exercise is employed



with it by which the exilability of the System is expended with the reduction of its excitement. Weren of a mon being in they can 1665 in landon the crise of the plague, who jumped into the Thames i and I warm awofsid to the Typorite Shore, and Drm Clemementions a himilar live of a violent fineratten - ded with delisioner in a man who leaped into the few from on board the airy Castle brobiannan. To this envole of applying Cold Water in violent prices, the Objections enight be made, ethat were urged against its affresion. There are few patients that would submit to it. A 3 mote of applying Cold water



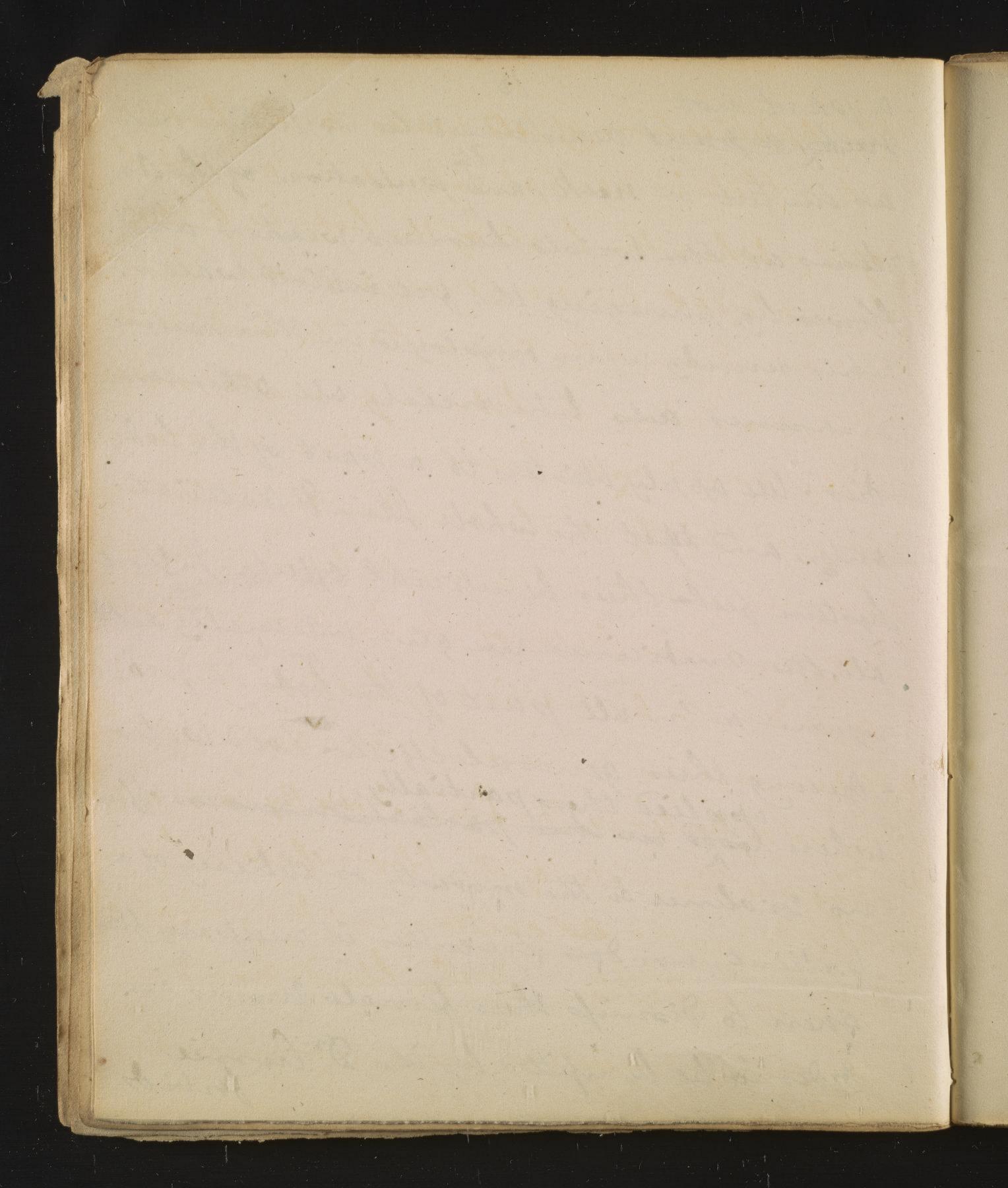
The body in that Clup of from which is now lunder over Consideration is by what is called abhition. The water is applied universally or partially by means of a let Clouth or napkindrung two hours , or more or lys fragmently annoing to Circumstances. Imployed in this way it is an excellent duxilliary of the common depleting. It lepens the heat of the body, reduces the frequency & borce of the pulse, mountes a quittel natural moisture of the Phin, to relives pain , and Often indues Sleep. It is more - over allvays a lafe unely, and requires no additional attendants to apply it. I have employed it for many years both

V The water employed in this way thould be at its lowest temperature of well, and enerie lie may be added to it to enerese its Colones.

generally & partially, and long before the Imblication of D. Curries reports in its baver. I have teldain format the appli-- cution to unter to the whole hody niepary in the formers of our Country. all its arountages are to be derived from washing the hunds and but winfring them in it for half un hour; or applying it to the head by means of a bladder, in on by injecting, into the bouls in the way of Glysten. The Shin - the blood wefsels - and the news are to any or ice of phier to any Tope of them is instantly belt through their whole extent. The His whole thin con. - tracts when cold water is applied to the

Stotta wa

hart not lo lo its action buch as the feet or nack, and pulsation of the ar. -times at the louists hummes weaker and Hower by plunging the feet into Cold Water. This remedy when employed in this partial manner æts like nændy all other reme. : dies . We apply blisters to a part of the body July, and that the whole Skin & arterial System fula their beneficial effects : In Short all the medicines we give internally act upon a small part of the body in pro-- driving their general effects. Cold water appolied their partially, when wood in their partial Internation offen no violence to the modesty or delicary of a patient, nor does it vender it nuepary for men to discrip their fernale mines in order to be benefitted by it. D'annie fribids



the application of low water to the body When there is partial Colones in any part of it, - when the hint of the body is below its vatural temperature, and when it is not pennamently about it. He forbids it lihewise when the body is generally, orpan - hally lovered with hwest. I have not con-- formed thirty to these rules. On the Continuery I have used it with an active pulse in all the above States of the hystern. I do not consider the abstraction of heat as the only advantage un Dirive from Etre Opphication of Gold Water to the Shin. How By contrac = - ting the dimmeter of the blood refpels, it lipus their envolid & creitement & Diminished the air culation of the blood. non Dues any disadvagetage arise from thuking

# This is down with perfect Safety to horses when they are covered with Sweat, but not selved in this strength by fatigue.

It is warefo equally safe breschul in the inflammen atory flate of the arthuitie forer whether we call it gout, on Rhumatism, and in humat of the forens of emptive fives, as I shall tay hereafter. Town the inverse hypopathy which takes place between the hengs which takes place between the hengs and their it is unsafe and went hurtful and their it is unsafe and went hurtful in all its his was a surrenganied with

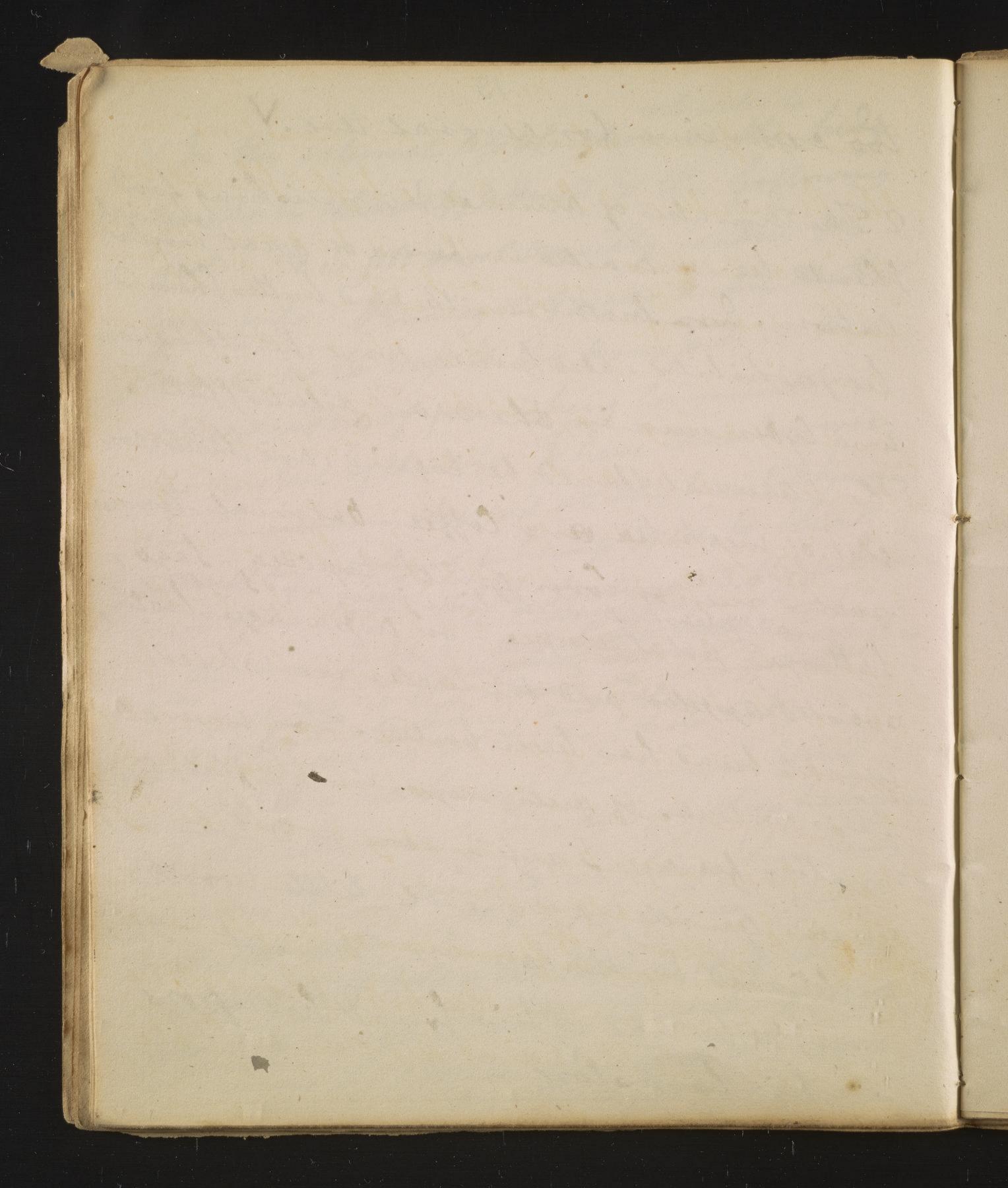
partial or even giveral hvests lighnens of the Cold Water, when they are auom. - panied with great fulness or tension in the blows rupuls. - how water applied by means of abbretion whether gonores to the whole, or to a part of the body, is perfulty & generally resiful in the aisturnal fuers of our Country after depleting remedies have been rised. It abstracts heat - apens the Opening of the blood veloch , and instead of Determinal absorminal principal servicing the blood towards the Visiona , gives it a gentte centrifugal discetion. Defuen. - minshas lately introduced the less of as - dent Spirito to the Skin instead of Cold was in fewers . ter It outs by the Coldness it induces by its rapid evaporation, but it is byfar

V In the external application of the budy you will please to attend to the following facts. It is felt snort sensibly under the arm pits. Pouring Cold Water under the Shirt Here so as to pap to the armpoits, is one of the modes of prinishing liminals in the new fail of this city of have once known the Circulation Hoppised at the Wrists & Synups induced by applying a hump of ice to that part of the body. 2 the Senoteum. 3 the feet

greater greater belief on the feet feet for the feet of the fore short one and their body, is

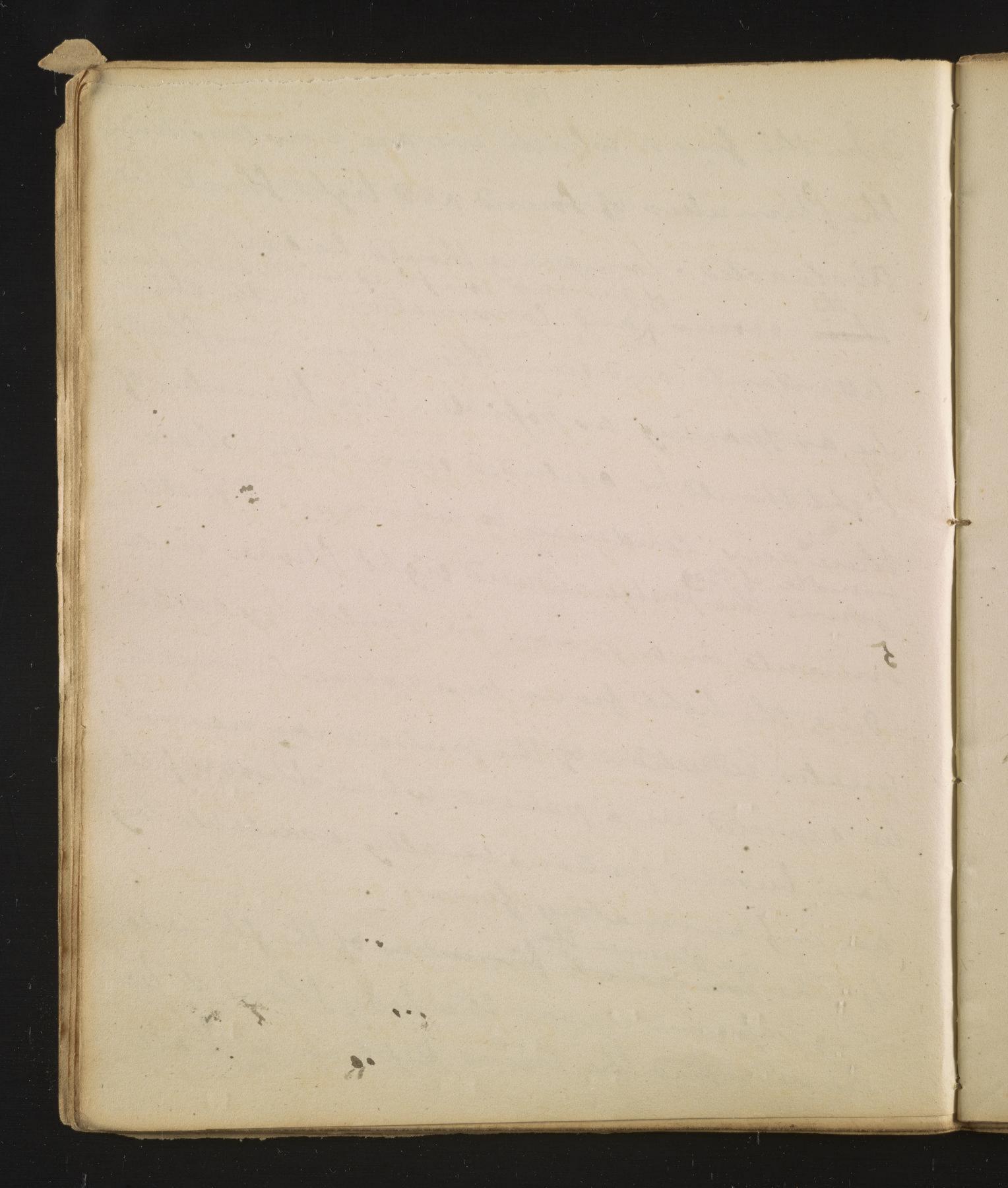
the parts before short one with the whole body, is owing to their boot having the former lipsed. and the latter nearly Dipolard by their habitual esposure to told air, and washing them Jaily with low water. 6th & lastly the head. The in: - sensibility to told of the head is so great as delfour to be affected with cow water about. It requires the about the pulse. -

too expensive for general lese. 2 The Shinubus of arrival of mourishing food the Shewers of great moster I should be about autid in fivers of great moster aution. home Brother, with and butter should be prohibited, also spirits, ivine, beralt liquoss and lyder even in the most diluted flate. The aliment thould be liquid, and thinks con-- sist of weak ten and Coffee - batmeal - amow Lalloup - potatue - pea - or asparagues broth, wasted apples and the water in which Wheat bread has been briled. From several Other articles of diet proper in influen: =matory from, I refer you to D'Ivhuson's mumi gridet a valuable little work published by the late mar. Humphies & now to be had of his fries & Sucupors in his boshstore.

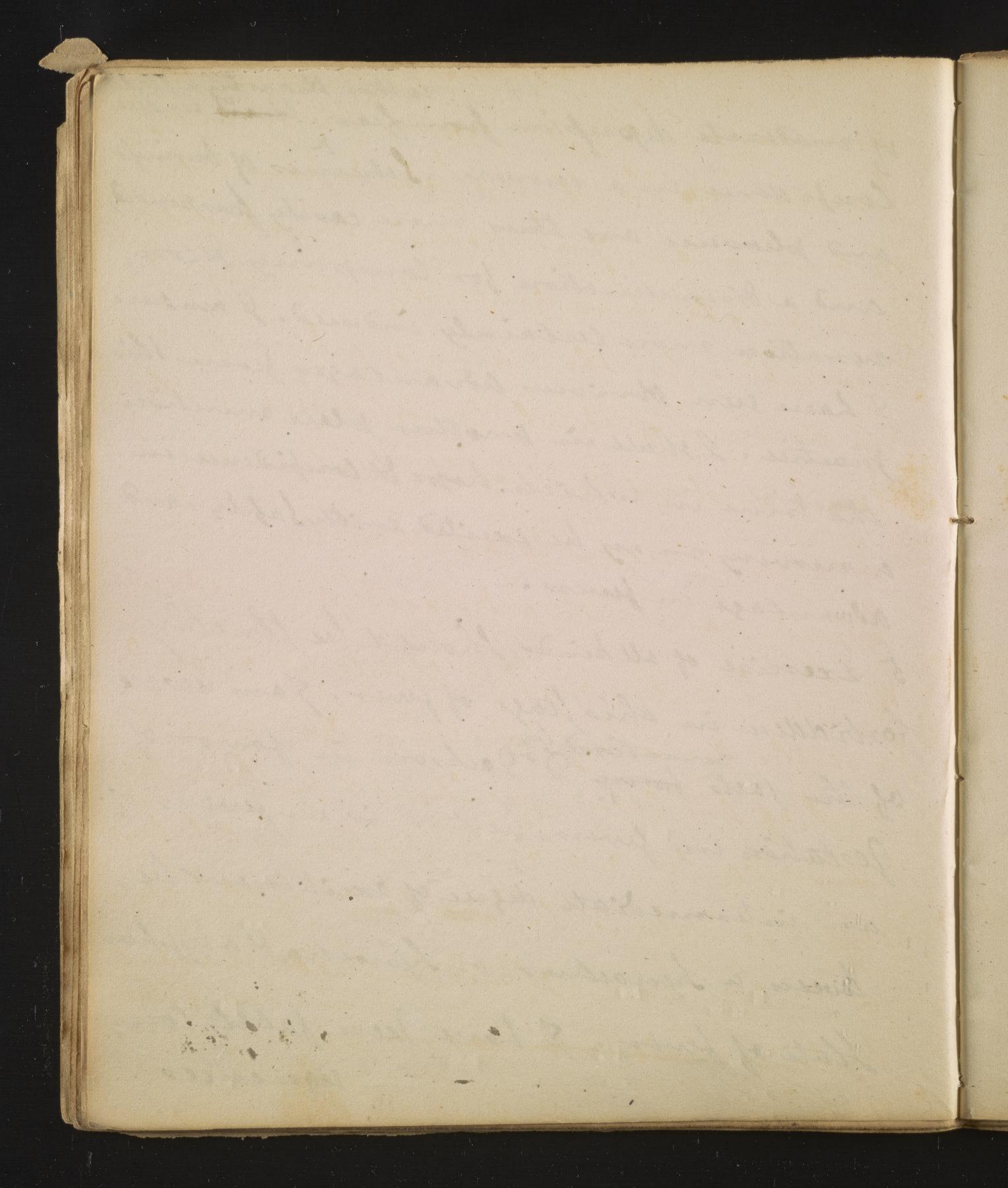


3 he the forms whilh we are now louseding the Climales of Sound and light Should be abstracted. Company though he excluded from
the street of persons confined with such fives
their rooms, and conversation with this attendants and even their physicians should be as thering as popular. The Himseles of light thould be excluded especially where a there arry tendency to delinious. It fuller growthe of 1800 miles reduced eight thouse in a gound the presse reduced eight thousand minute in a person in hialth by exclus-- Ding the light from his room. a much greater reduction of the pulse may reasonably be expected in a patient whose blood repels have become preternaturally excitable by are inflammentally fives.

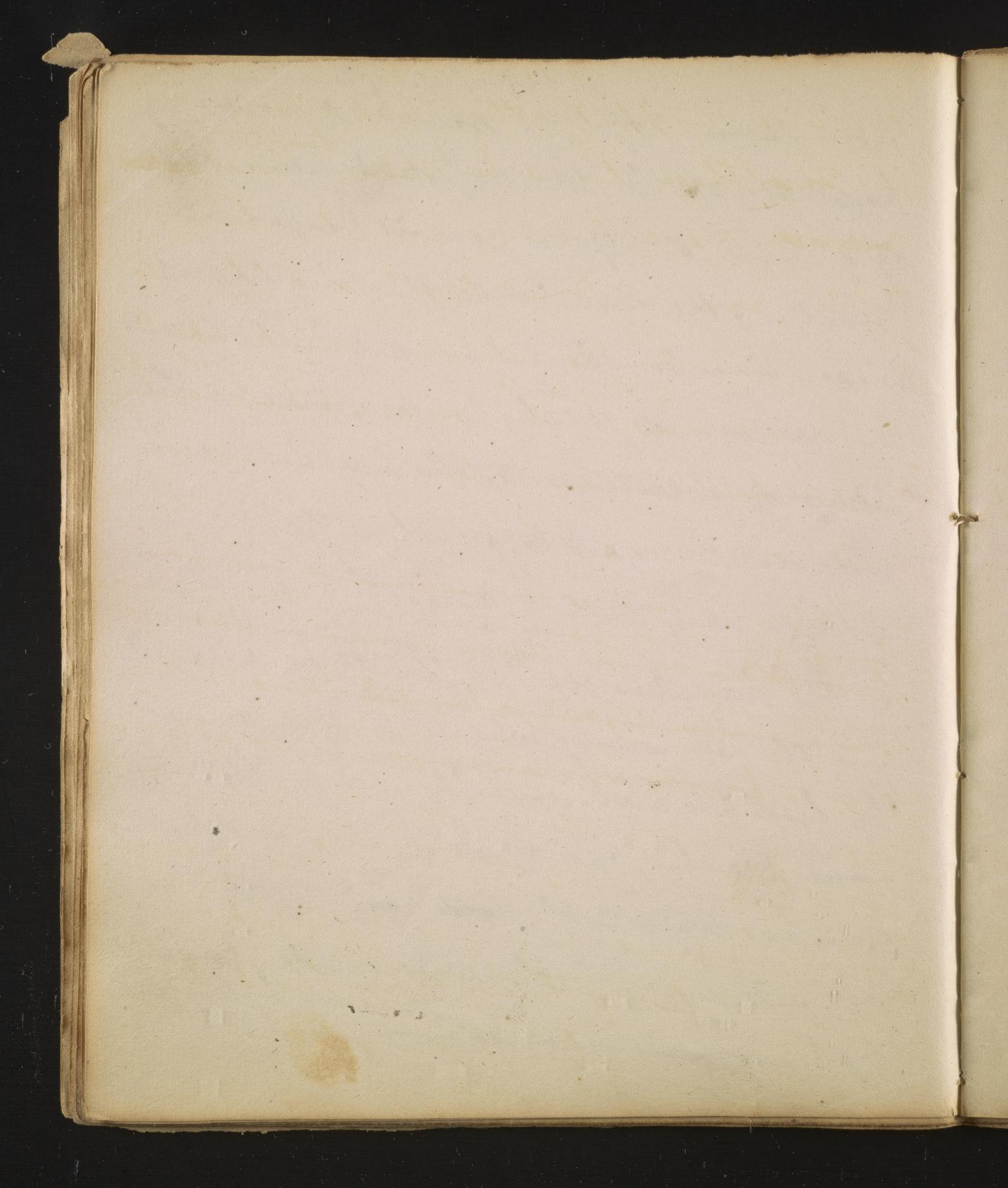
4 The influence of the flimentale. - ting papions upon the body should be lipned, and the brind kept in a state



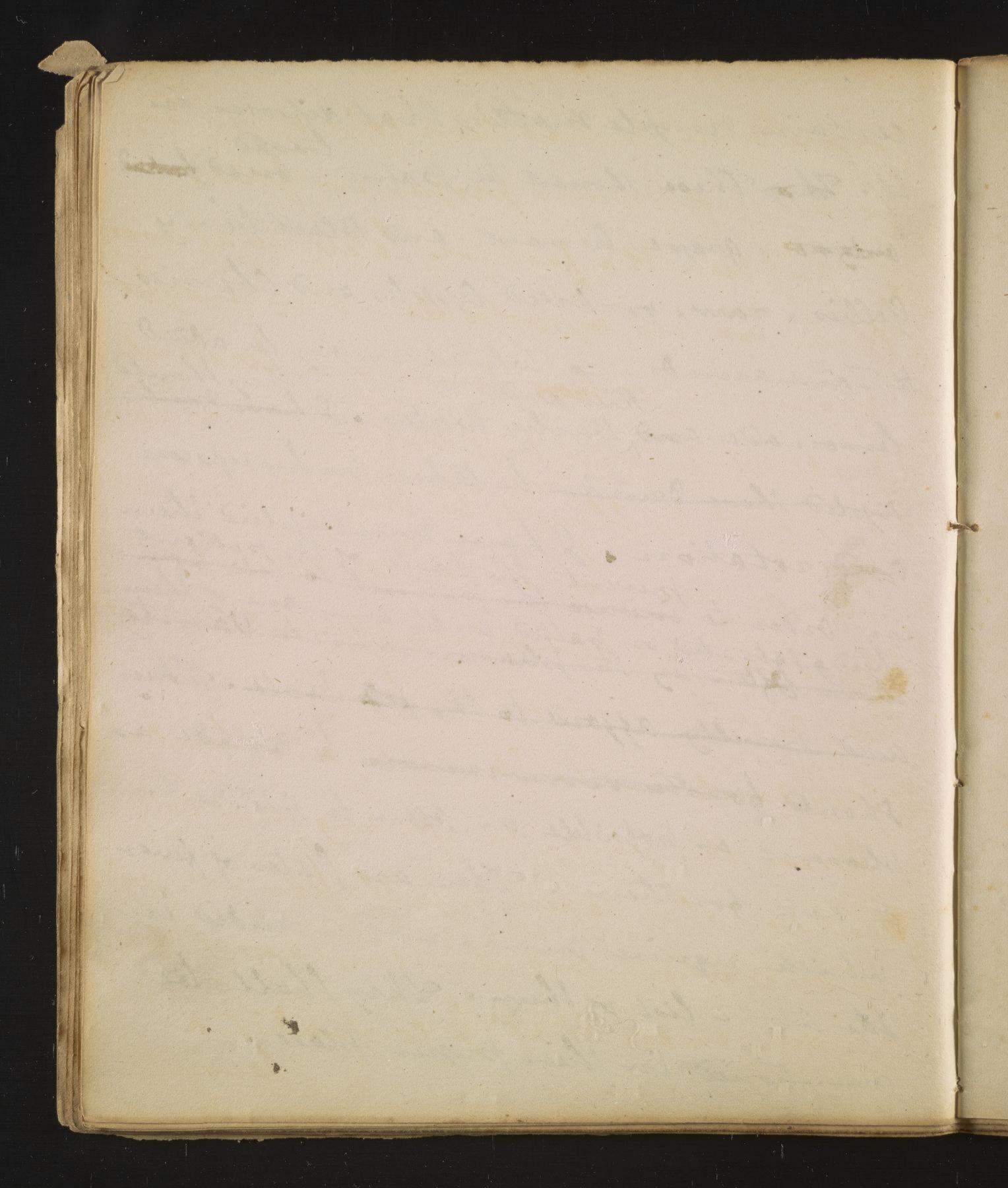
of moderate deprepion from fear, than under Confidence in a russery. Schemes of business and pleasure are thus more casily frespended, and a disenchination for Compains, Illon. nenation more Certainly indued. I amoure I have sun obvious advantages from this marties. I shall in knother place mention Ite trive in which hope & confidence in a movery may be existed with Safety, and advantage in Juvess. 5 Exercise of all hinds thould be thrietly forbiddlen in this stage of fever. Jane aware of the facts forms of Jackson in forms of Jestation in Jevers, but it is infevers of an intermediate degre of axistement be tween a Synochus or Synocha & atyphus Hate of fever. I have seen fatal Con-- jégnences



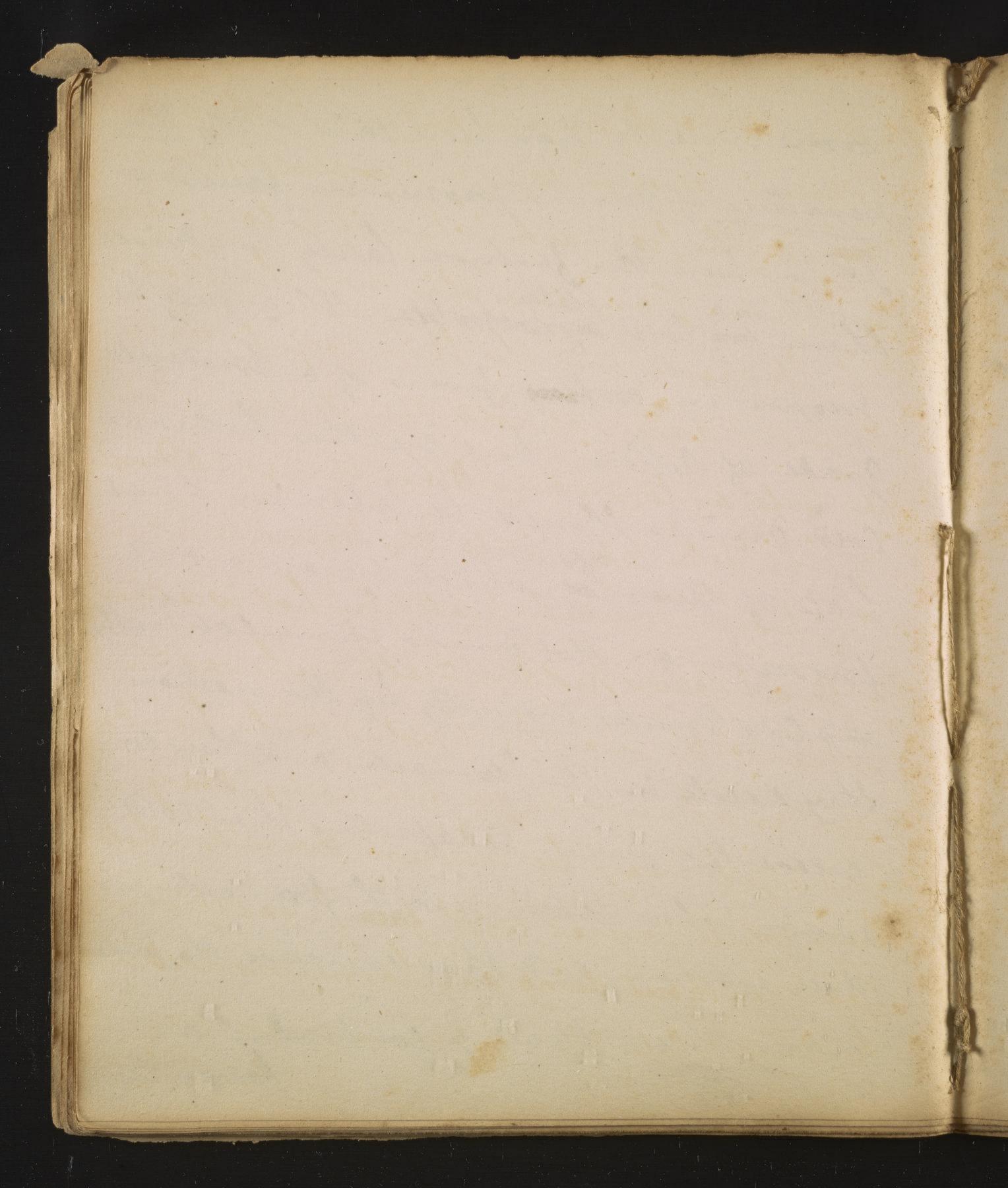
from them both in prosess the wilitary housitals of the United flates, I have heard of a similar ifour from it in private practice. Lee here gent: the mischief of prescribing for the name of a disease! and the danger of bhirthy Conforming to the arrive of physicians of the highest rank wilthout a regard to all those assermentances which vary both a disease & a remedy. 6 The Skinnthus of theist Should be allayed, and the arrivary which is offen generated by heat and abstinence thould be blunted, and washed out of the System by diluting Vairks. Water is the book basis of this class of 2 medicines. It should be anote pleasant in a boiling state by being small into teas for pour inpour



certain rimple matters that difsolus in it. They these thoused be Balon, - bread had ands +0, grape, Giment-and Blackburry Gellies, raw, or Fried apples and Chemies to Tamarinds - to Which may be about Rin and lemonade and Burley water . I have brush - Lighted these darishs be taken in hungsion and rotation of have multiplied them in order to town the political to late of them in friends with any one of them. Their blances which Variety them by the planner which Variety and hoully afford to the pets taste. They Thoulo forther some burnede as pleasant as populle in own to induce him to call for them. There are flates of fever which regnice drinks wat included in the above list of them. They Shall be mentioned in this proper place.



Jose much has been taid of the time. perature of duish's propier in four. It has been the fastion lately to atrise there in a love love thate they may be them to 2 love to the popolo frotate - They may be moper in exploy fivers of a londinate grade of action, - but visither hot, non Cold Darishs Should be taken in that State of fever of which his are now forescibing. Hot Drinks stimulate dreitty and Cold Drinks indirectly by the reaction. they excite in the Stornach, and three en. = creese the fiver. In apenting that cold Drinks When taken into the stronach mo. - duce vaction, and thus energese the fever I am aware that I contradict a favorite



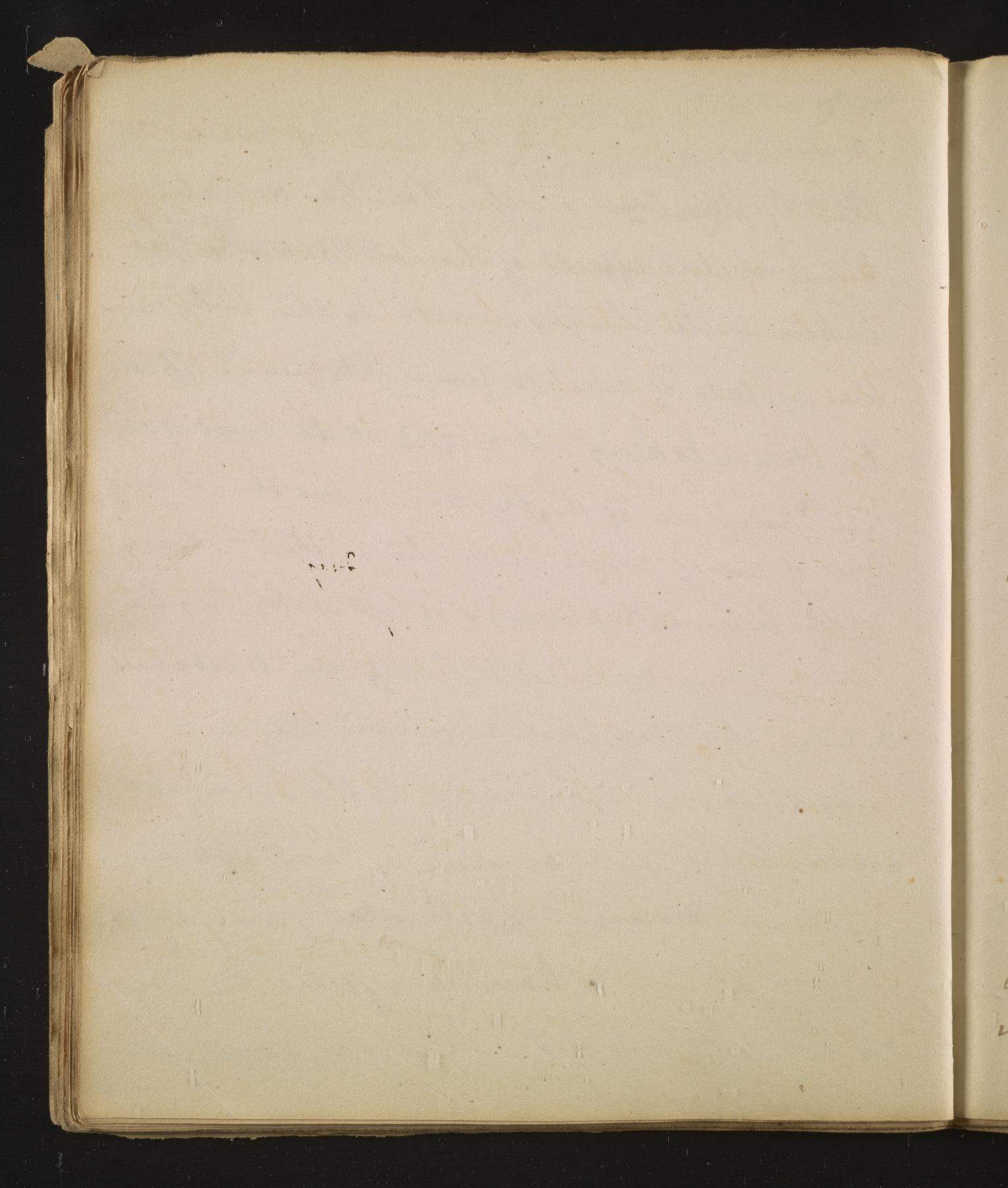
Opinion of Deburnie, and that is that told Water is always take and mospost proper me in the Stomach when it is so upon the Skin. James we this not the Case. The Homach and the thin populs very different digrees of lots sensibility to Cold as well as to many other things. A mught of Cold water taken into the Stomach when The body is much heated in hot weather Often indues sudden death, Whereas the Jame water may be applied to the hands but and face with perfect fafety. may more, it may be thrown over the Whole body while covered with for Iwest from heat without doing any haven provided it be done while the Lystern is vigorous enough

There is a certain order on the Operation of Cold water expose the body in Junes. It is worst sedating in theflownach, next whom the Skin - host in the This is different angeling as the water's applied to the hands fut our arms & back - next the inside of hundred fut of glysten first, to the world the bundle - last and least, to the hers; hupe the newpoits of ways mining ice with the water which it applied to the head of V popepes this present fursibility to the action of cold water in a heated state of the body, it is scarely felt by the bowels when injuted into them. If this I have sun many instances in the Colic, Kyellow Juner. It son gives corse, and cruites a plus. - Dant Sultier than a low finsation . In insensibility, the bowels and the head appear to be upon a par. The Hatien physicians

to react. From a want of knowledge or attention to these facts Demice has ascribed the sudden deaths of the persons mentioned in my inquiries from Inin-- king Cold water to their taking when in a State of great debility defatizere in Which Case it is burtful when it is app: - plied to the Shin. But this not concert. There psenous who were destroyed by dinking were generally flate of high excitement from labor, and their draths must of lousse be ascribed to the differences a pountiar finsi. - Cility of the Stowards wholly different from that which exists upon the hugers of the body. It is umarkable while the stomach Defunie uniformly upposes Cold Water to act assa by a thinulating I not by a

= have proved this by injecting glysters of cold Later in which ice has been dipolied in the Dysendery with Safety Ofnicep. see De Rosa.

a fedative provisor in the Cure of Juess. It this he the case, why does he ascribe taken into the Stornach to the buty being in a flate of debility from fatigue? The Cold be Stimulating, it ought to do most good in this plate of the flags term. But This is but One of several errors into which the Dritheory of the Structure prower of Cold water has led him. It is only by a belief in its setative action that we can explain all its pho-- nomena as applicable to the humanbody or that her can employ it with Safetyle Lungs in discases, &particularly in fluers. But to return having rycetted the Use of hot & cold water in fiven of great morbid



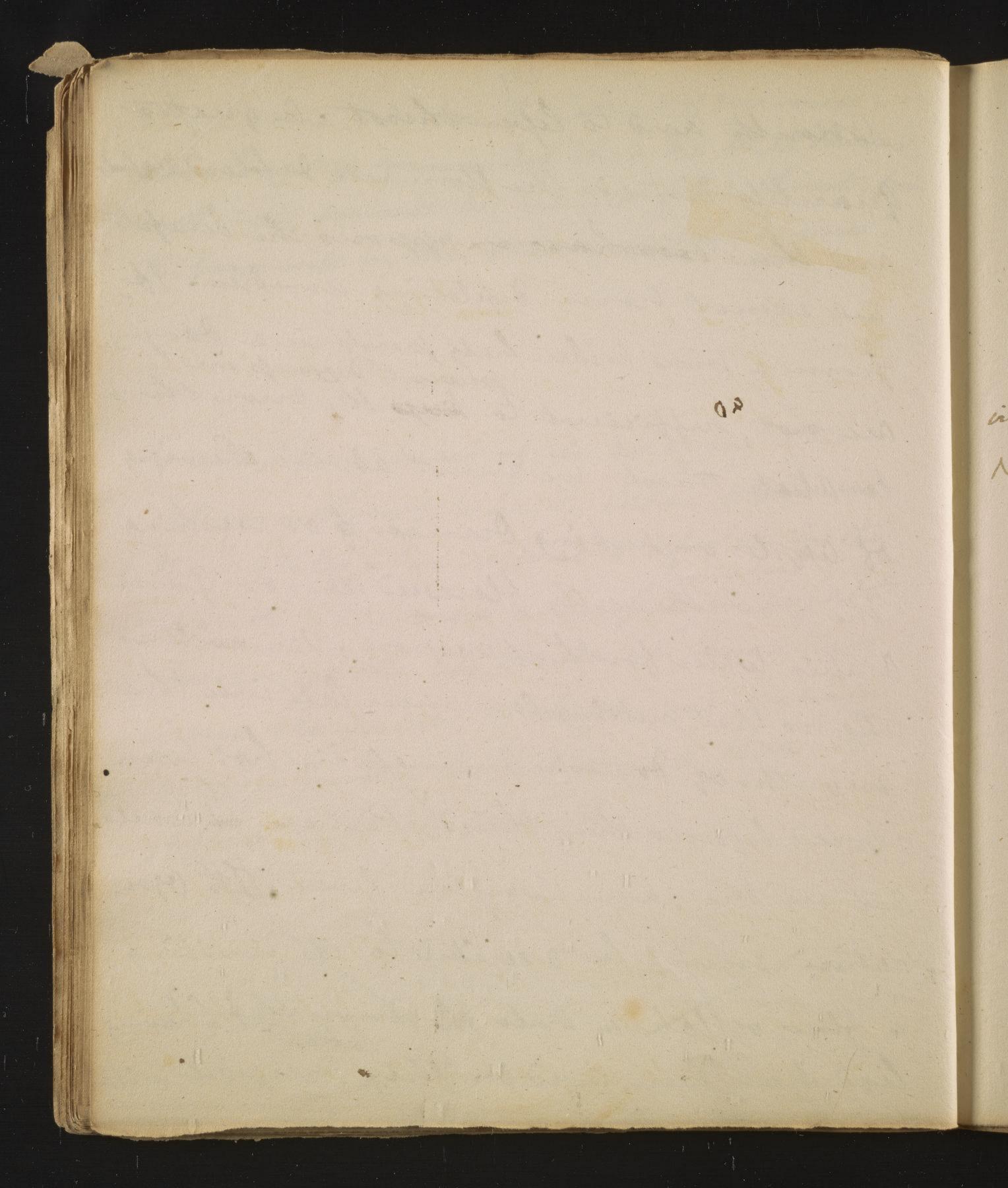
action, I proud to remark that tepid water, that is water between 86, and 960 Degrees of temperature thoua alone betaten in them. It allows thist best in a typid. flate. This has been moved by the experience of labourers in the hottest weather in our Country. It has been proved more tutisfactory by a number of tailors who were put to an a day a day hear allow ance of water. a pint previously hear - to by a vertical Sun tatisfied them for mine days Darishs tahen in this topid flate besides washing arrivany out of the body Counteract the tendency of the febrile action to energe the vital or animal properties of the blood - they serve further to apen its quantily; and to obviate its lend energto papinto the serves prepels, and thous to

Venen where there is interpet thirst. The thinst in this case has justably been found useful by fixing a large portion of mon-- bid excitement in the famous thereby preventing its being thown upour parts were opential to the life than the Janus That V Rewellet that There considered thirst as a Viscase, and as such, it fines abstracts discuse from to the bearn and other parts more epential to life than the formers. The soln this respects it Dats like a fabriation, or a merenial angina. That this is the case, & infor from the absence of thirst being a bad dign in mulignaret fevers, and the eistmation of it after its alsonic always farmueble. The practice of withholding drinks in biolent fivers did not originate with spanish\_

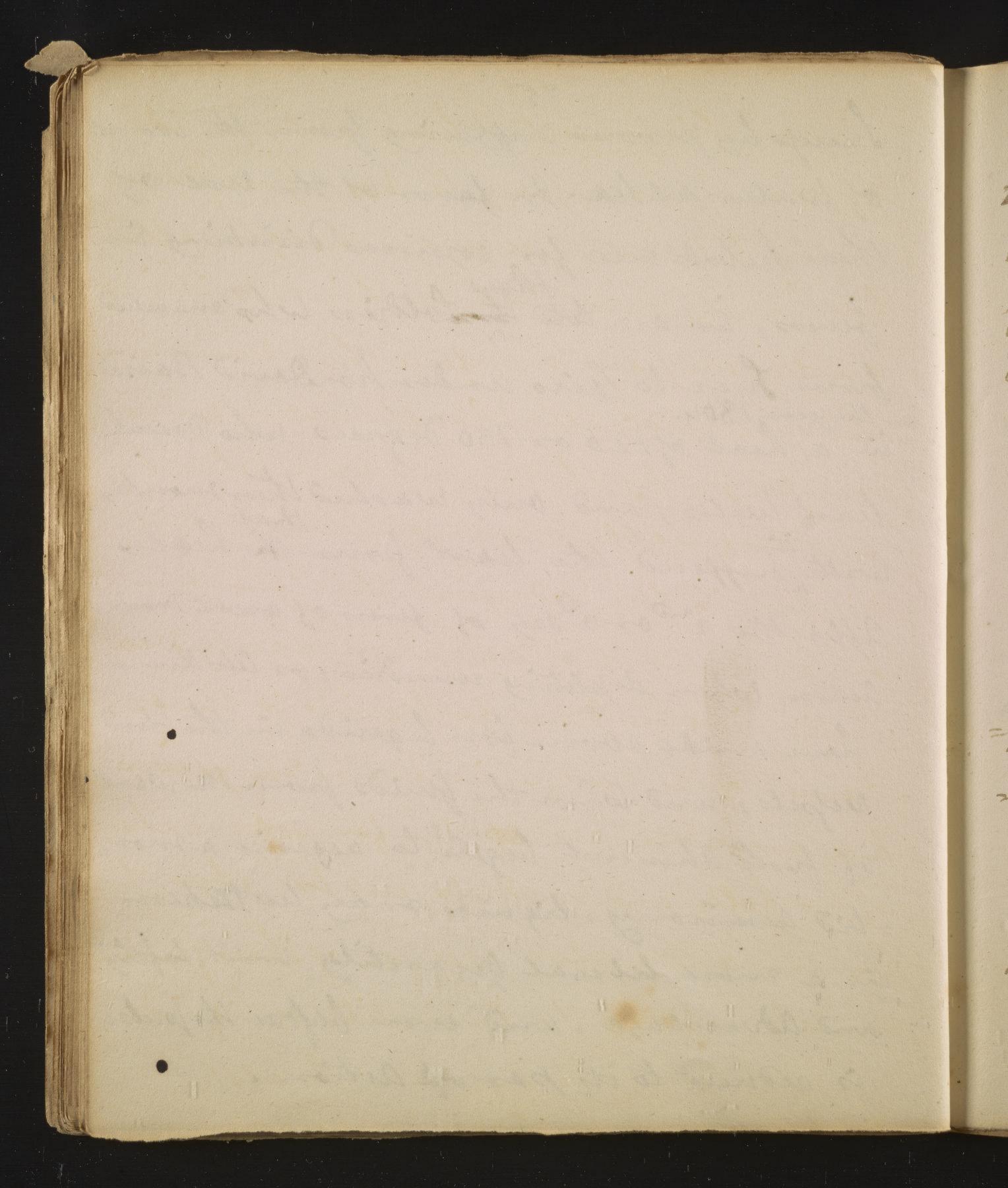
ment its being converted into membrane and Custly they before the heat of the body & promote the action of the absorbents. There has been a good deal of courts ? = very lyson the Juliet of the greantity of Herids on minhs that was though be to. - pen in fevers. This question can only be duided by unning the name of fener and regulating our practice by its State or grade. The Spanish physicians De Clighon letts us interdict the Use of liquids of all kinds in the beginning of, francish former hat moderated, is comet. no more Houd be taken in Jenen of great morbid action mobiles in this first Stage thear is bardy hufficient to keep up a Constant moisture in the blugsicians, was in the Island of minosea. Celous long ago remarked "that he that drinks least, will sownest be relived of his thirst, for the fore will by this means soonest be cared."

vand I have heard of its allaying the extreme thirst which takes place in the the Diabetes when refered to dispolve in the month. The more powerful of the falt, overcourse the lip powerful thinceless from the discuss of thirst, and perhaps point of the discuss of thirst, and perhaps relives from the discuss of thirst, and perhaps relives further by inviting a flow of latin a into the Inputh.

month and to lepenthist. a quester quantily disturds the thornach & blood reply and thus Denshammes uppores the benefits we expect from Depleting remedies. It. from a pint to their half pints in a days
are not sufficient to keeps the month, & to abote thirst, we must advise thewing of apples or suching branges, of or washing the month with flexiced the , or quin arabir Water for that purpose. Vansaurten tells is that putting common falt into the monthes of downistic animals in hot Count - tries aprens their theist, Perhaps, it would aut in the same way in finess. Its Open = ration empt be ascribed to its inviting a flow of lative into the smonth. Ching latter last her been used for their propose with



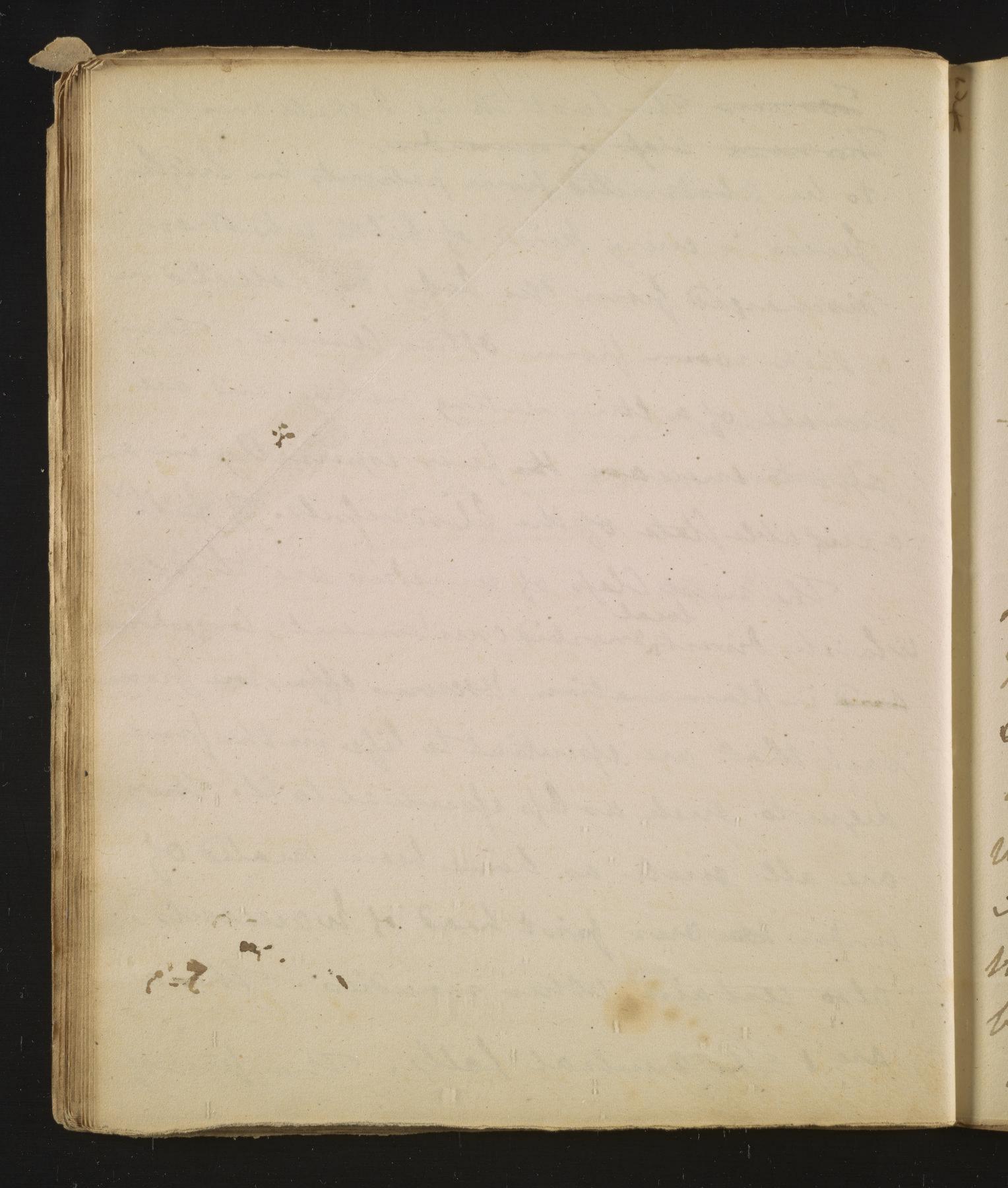
Sump by persons suffering from the want of water at Sea. In favor of the use of these helistitutes for comins diinhing in fevers, we are toto the foldress who muchio from free to Cairo under his David Baird in the year, 1804.
in a heat of 120 or 130 Degrees who Drank least water, and only washed their mouths with it, reffered the least from the heat " after the 2 00 3 day of fevers of great morbid action when depleting remedies 1 or albitimence have made even for liquids in the blood respels, and when the frieds from the want of fresh aliment begin to arguin a more - bid assertiony, liquids may bettehen in a more liberal grantity with fafty and advantage, and even before the public is reduced to its par of action.



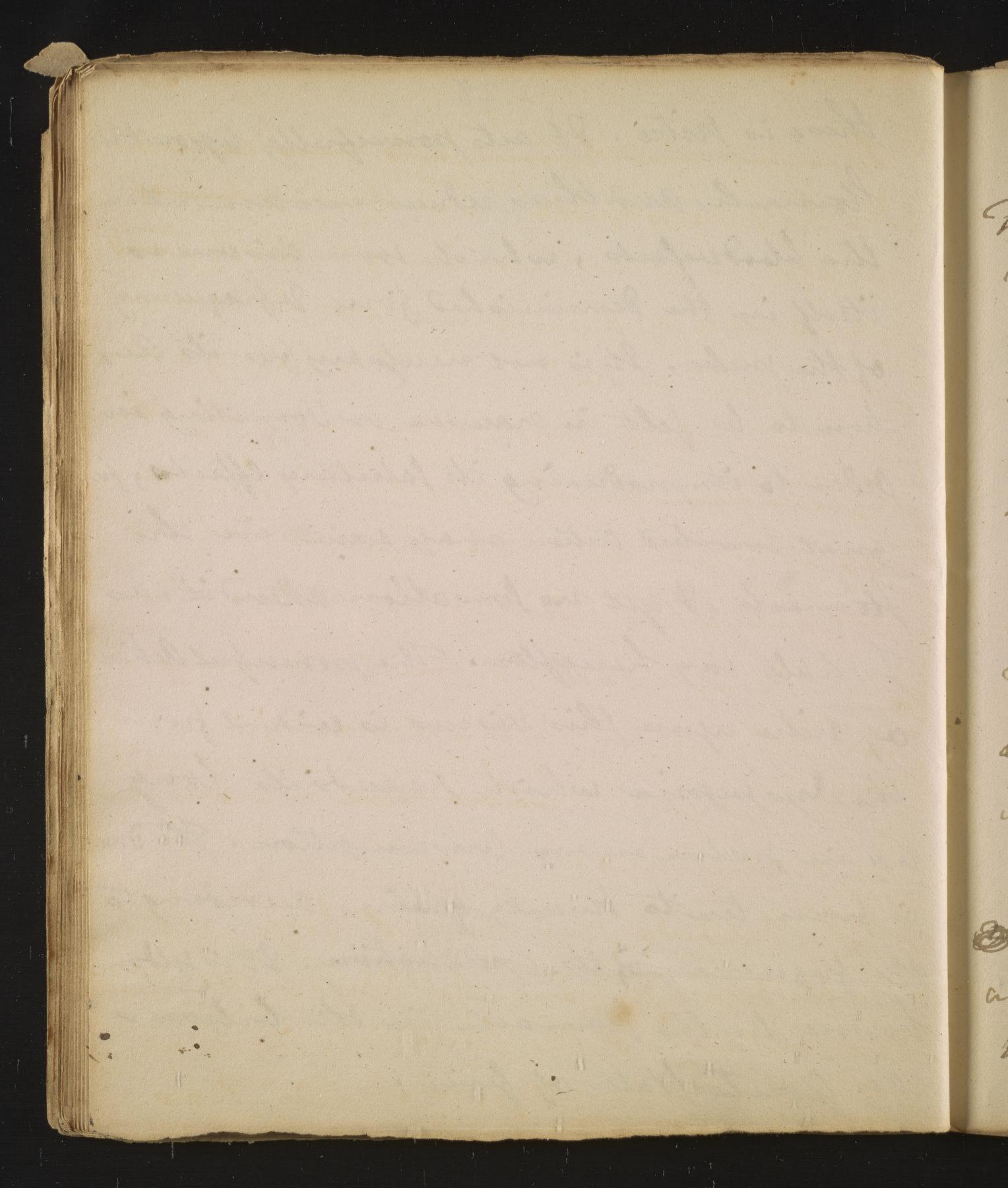
Upon this prhjet I have only to all, that as it is mufsuy to ales refuse Drinks in the beginning of bevers though called for by the most intense thirst, so it is equally newspary to enforce their use when they are indicated, though not required or called for by thirst, and even when they are disagneable to orrespontients. This Direction is founded upon the ignorance or derangement of nature in varely pro: = portioning her desire for liquids to theex: rigences of the system in fivers. The faces like away other parties The fames partake of her folly and madneys, and lose this the rigular and useful exercise of their function in determining the Grantily of liquids mussay for ver Lypport & health.

V be derived from the esternal aboves where, and it cannot be cometed, the patient Thould be removed from it. -

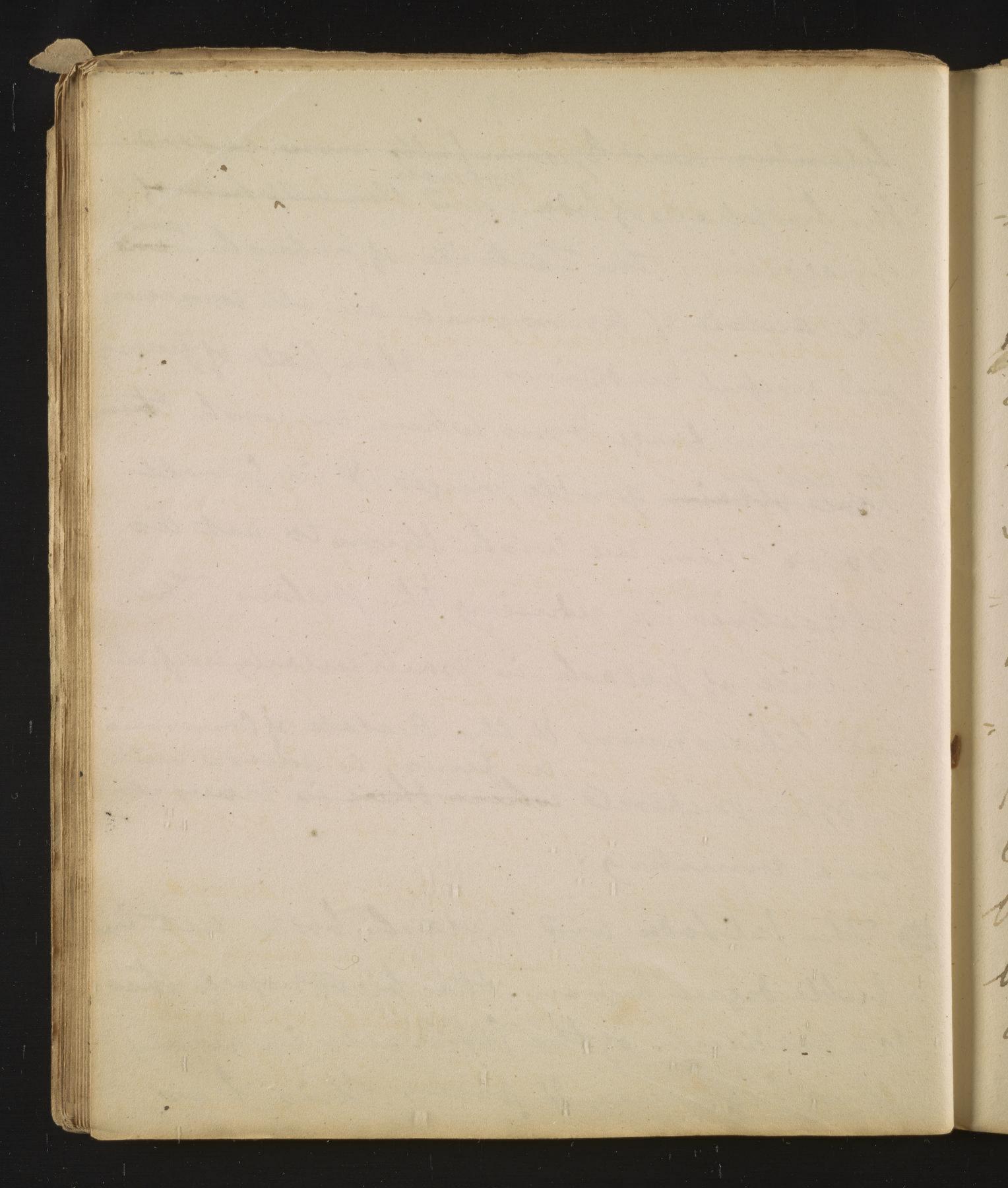
Thomas The last thing I shall mention Thomas to be abstracted from palients in high Jevens is every kind of bilth whether Discharged from the body, or collected in a dich vom from other Cansus. They are all of a thin whating nature, and are apt to encuase the fiver especially in an excitable flate of the blows repuls. It fillh The viset Class of remedies are those Waich divert unvilied excellencent, Congestion and in flammation, Eserves effresione from parts that are epential to life in the prist degree to week as les espential to it. They are all onch as have been treated of under like our frist head of wallearts, also certain alhar remedies. These are I The neutral falts. The finterof



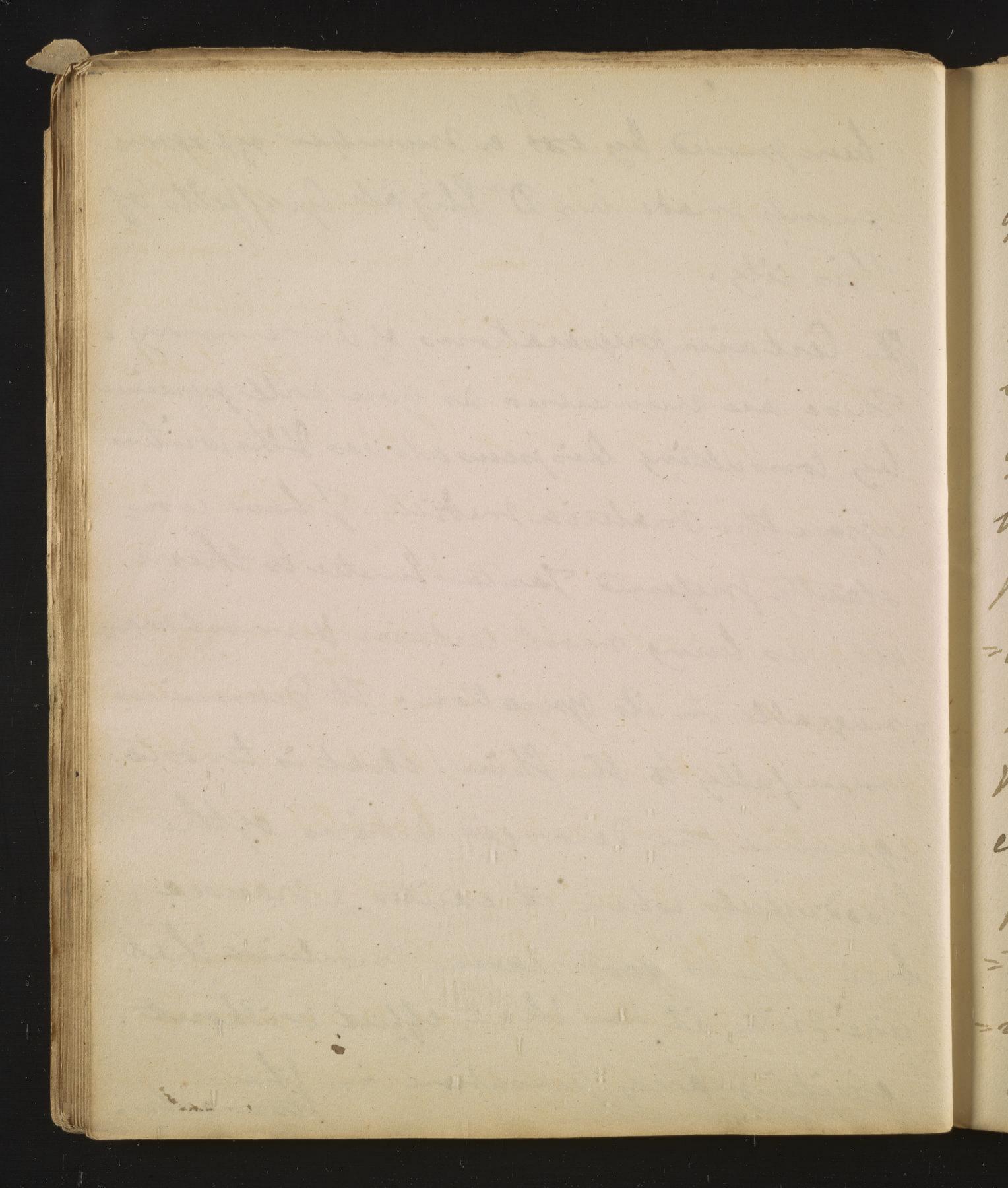
these is hitre. It acts powerfully expose the Hornach, and thus returns excitermentin the bloodvefsels, which som discours itself in the deminished force & prequency of the puebe. It is not muforen for its are -tour to be felt in nausea or bouriting en order to its modrising its labutary effects, for great worked action may exist in the Homach, & yet no finsation alterdit, as I shall vay hereafter. The promenful action of with upon this trous is evident from the Dyspeyma which Sucust its long hu in pulmonny Consumption. Ho Done is from ten to brunty grains aundring to the fuguency of its exhibition. It is tellown borne by the flow ach in the biliones or Greaty States of fever.



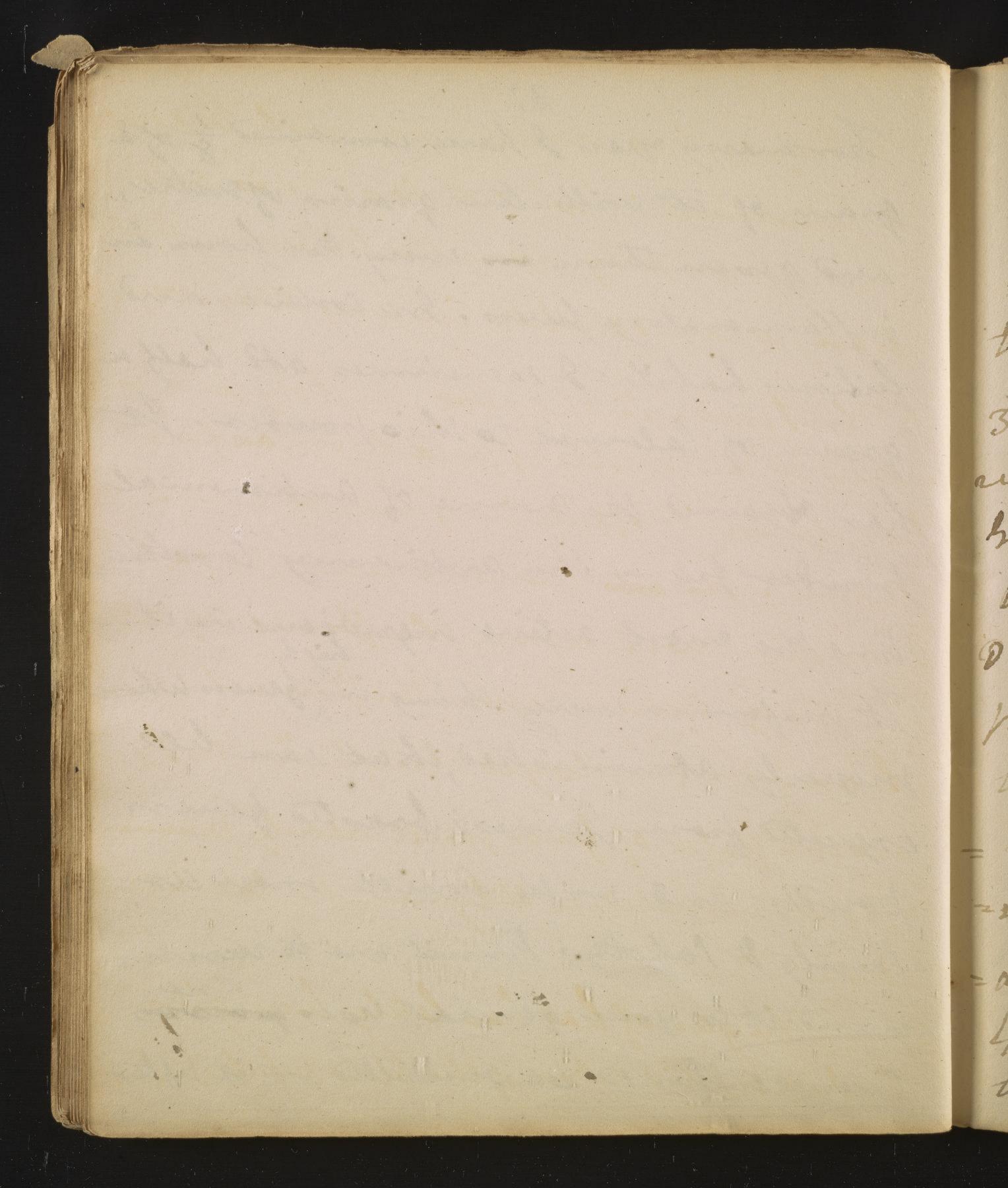
The helphates of look a and the helphate of magnisia, The Tactrite of potush and the acotate of ansmorria are all common and inseful midicines in this flate of fewers, given in large dones when we wish them to act as gentle proges, I in froull Doses when we wish them to art as alteratives in retrieing the pulse. The Tartrite of potash is particularly useful is often preferred where there is wours is or a vouriting. The ful fode and polash both act in a fuble digree upon the blood rupels this the medium of the Stormach in reducing their pregnerry of Jone. This has



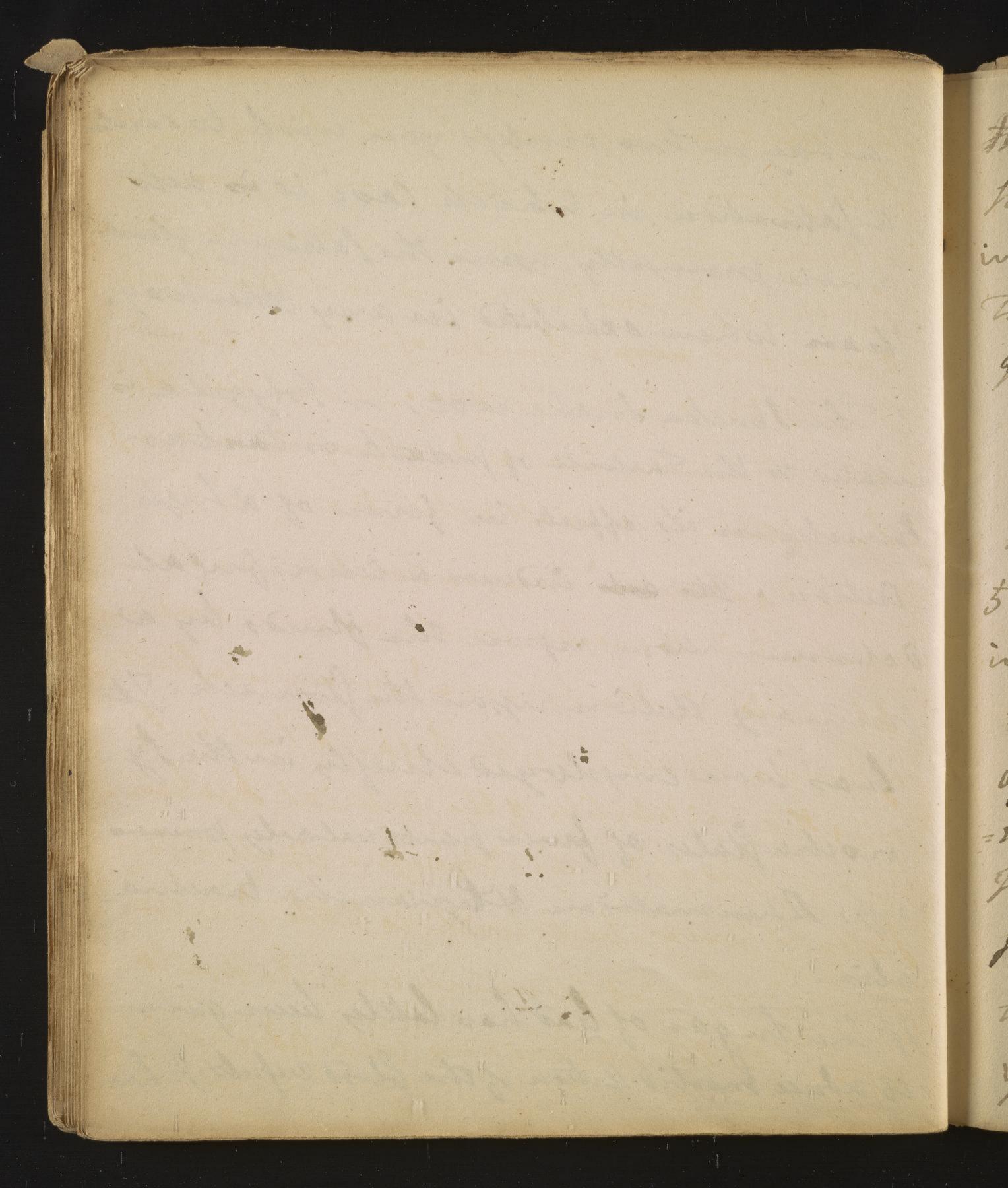
bemproved by ess en member of expeni: ments made by D'Elijah Griffetts of this city. 2 Certain prysarations of antimorry. These are rumerous as you will perseive by consulting Dispensatories & the writers upour the malitia medica. Thems constantly preferred Farter Smetie to them all, as him most certain & most me. nagrable in its operation. It Determines ponnefully to the Phin, that is, tends to equalise the Decamped actions of the bloodrepuls when it exites a naresea, but there is good reason to believe that like tritse it has that effect without exiting any fensation in the much.



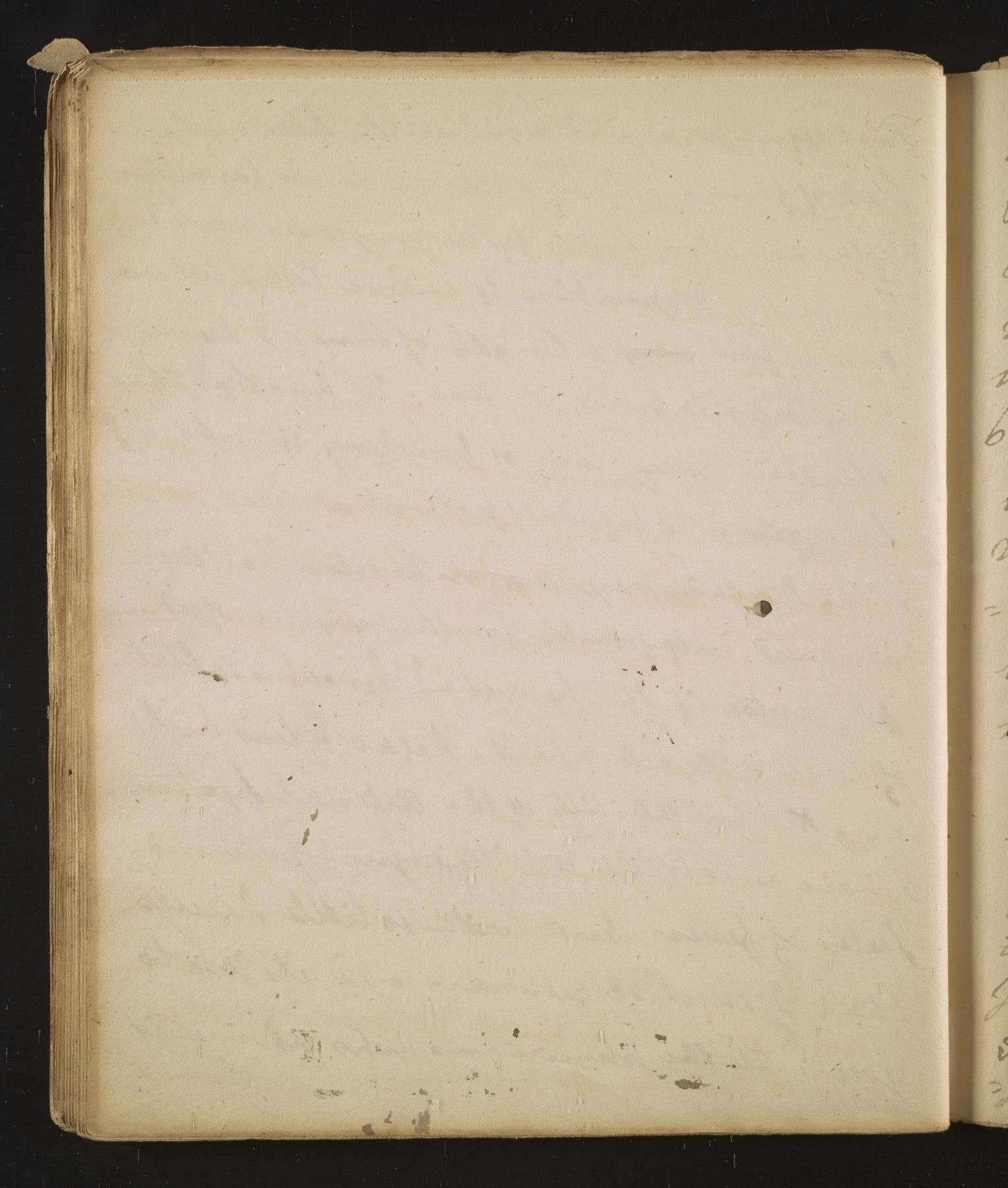
hormany years I have combined & of a grain of it with tim grains of wither, and given them in wing two hours in inflammatory fevers. In costine, and hibious habits, I sometimes att half a grain of Calonnel to this promoter. It has Obtained the name of ambismountal powder from the antimony Constitu -ting the enost active ingredient in it. It performs every thing in from when mornely atministred, that can be expected from James; bons to benen pouder and with much more as: -tainty & Papety. Punit me to recom = Calonel Thould be avrilled in it after



a day or two unless you wish to exist a fabruation in Which Case it is acto more prompetty upon the fahioury ylands than when exhibited in any other way. 3 The Sineka Inahe wot, or Polygula is arlated to the Tartiste of postash or tantar hnetie in its effects in fevers of a high autim. Its arts indues a centrifulal Octominationa upour the Huid, by a prinary Action upon the Stornach. It thas been employed chiefly in the Sy-= mochen stales of fruer particularly promomy, Rhummetism Hymaniche trachia. 4 The lugar of has has lately been given to where morbid action of the blood repels. It has



Hast effect to a great degree in the homemhagie flate of fever. I bank nothing in its favor in influence tory fives from my own experience. Trove its disposition to induce Colis When given for any a length of time, I have been deterned from its use. It has had total effect in every two of znikejsny in which & have given it to adult patients. 5 The Digitalis preysuera, or Gorglove has been introduced into practice for the prespose of reducing the melse in the hymochulthynochulustatis of lever. It acts like the hegar of lead by lip = - ming the imitationity of the arterial fystern. I have und it in the Hydropsie ofpulenomary flates of Jever, but with to little hucefp that I cannot ruomin end its use to you all the physicians who advise it,



limits its use to that State of Junes in while the pulse is full or tense Inthen loss the limet thouse be preferred asbuing more safe and artain. It merer faits to do havin in a languid plate of the pulse. 6 The external application of hweet Dil has hun smich Commented in Jewess of yout morbid action of frangothe caternal appolis - autien of Frank Oil Horris he apphied by means of a feather, or with a quitte hand, for if be applied by friction, it in the He inflormanatory Plate of fever it are. - wer fails to do haven, by menasing the Betieve of the blood wefuls, and imparting to the blood a Centispetal Determination. I think it probable that the friction which is used to the body with in order as it sup. Trused to correry the Ines unial brintment

in pe an W

into the System in the yellow from is glar. rally herstful. But there are other lans of Junes in Which friction with bit does haven, and that is in the delicate flate of the Skin which takes place in the gangemous. or petechial state of fiver. D? Pugnet says in The bilions finer of upper Egypt it produced a general Echymonis upon the Mini and three did mischief. When applied in a gen - Ete manner & believe it has Done Juvice. From the experiments of De Jackson of georgia it appears that it reduces the pulse, in Jone and freguency. Piso speaks of it as a Common rimedy of the Synochus fortis of South america. It has lettly been used with hurly in the plague in asia & Africa. It was a Common remedy among the arrient Jews .- hence we see

V for Common Use in a wrenty which is as yet unable to afford the business of midiane . -

recommended by the appointle James in the mitte dipolois in Vinegar has been employed as as laternal usually in the yellow from of the loss hadis in its fyors-thate I have used it with advantage in the aute state of Rhumatism. Puhays it acts only by energing of the heat of the body by means of wap mation. I Light lightures around the extremition by the enspending the return of Venous blood to the Viscera, tends to lepen the excelement the their blood repub, and there to dispose theme to resumme thier healthy actions. & Install of vienna advises the new whom of thep as the means of lipning quat morbid Action. This words are "no one knows how much refriss restraining a

I promptly than any other remedy. It

though not be continued two long, when

though protracted, it becomes exquisitely

moduly protracted, it becomes exquisitely

painful and biotelping. It was one of

the motes employed by the government

of Inance to compel the protestants to

mornes this religion, and it is faid

it produced errore apportates than any

other enous of tostere.

patient from flup in a high fiver & prevents a wakefulness weakens or high fiver & prevents a Delirium. 11 vol 114 Rat: 2 meterdil 109. Jam. disposed to think highly of this remety from having often Diserved the effects of lleys infrodu. - cing or enercasing delisioner. It is moreoner calindated to dispipate excitatistity, & thus to re-- Inve the morbid existement of the blood Deeps, V hvitte Here Junt: we finish omdut: of the Remedies for fevers of great morbid athon, in which I include the hyposhus bothis, the hypocha - the hypochula - the Syno: = choid, and the hypochres writes flates of fiver.

